with an approved extension is included in an averaging plan under §76.11 for year 1997, the unit shall be treated, for the purpose of applying Equation 1 in §76.11(a)(6) and Equation 2 in §76.11(d)(1)(ii)(A), as subject to the applicable emission limitation under §76.5 for the entire year 1997.

§ 76.13 Compliance and excess emissions.

Excess emissions of nitrogen oxides under §77.6 of this chapter shall be calculated as follows:

(a) For a unit that is not in an approved averaging plan:

(1) Calculate EE_i for each portion of the calendar year that the unit is subject to a different NO_X emission limitation:

$$EE_i = \frac{(R_{ai} - R_{li}) \times HI_i}{2000} \qquad \text{(Equation 3)}$$

where:

EE_i = Excess emissions for NO_X for the portion of the calendar year (in tons);

R_{ai} = Actual average emission rate for the unit (in lb/mmBtu), determined according to part 75 of this chapter for the portion of the calendar year for which the applicable emission limitation R_l is in effect;

R_{li} = Applicable emission limitation for the unit, (in lb/mmBtu), as specified in §76.5, §76.6, or §76.7 or as determined under §76.10;

$$EE = \sum_{i=1}^{n} EE_i \qquad \text{(Equation 4)}$$

HI^i = Actual heat input for the unit, (in mmBtu), determined according to part 75 of this chapter for the portion of the calendar year for which the applicable emission limitation, R_l, is in effect.

(2) If EE_i is a negative number for any portion of the calendar year, the EE value for that portion of the calendar year shall be equal to zero (e.g., if $EE_i = -100$, then $EE_i = 0$).

(3) Sum all EE_i values for the calendar year:

where:

EE = Excess emissions for NO_X for the year (in tons);

n = The number of time periods during which a unit is subject to different emission limitations; and

(b) For units participating in an approved averaging plan, when all the requirements under §76.11(d)(1) are not met,

$$EE = \frac{\sum_{i=1}^{n} (R_{ai} \times HI_i) - \sum_{i=1}^{n} (R_{li} \times HI_i)}{2000} \qquad \text{(Equation 5)}$$

where:

EE = Excess emissions for NO_X for the year (in tons);

R_{ai} = Actual annual average emission rate for NO_X for unit i, (in lb/mmBtu), determined according to part 75 of this chapter;

R_{li} = Applicable emission limitation for unit i, (in lb/mmBtu), as specified in §76.5, §76.6, or §76.7;

HI_i = Actual annual heat input for unit i, mmBtu, determined according to part 75 of this chapter;

n = Number of units in the averaging plan.

§ 76.14 Monitoring, recordkeeping, and reporting.

(a) A petition for an alternative emission limitation demonstration period under §76.10(d) shall include the following information:

(1) In accordance with §76.10(d)(4), the following information:

(i) Documentation that the owner or operator solicited bids for a NO_X emission control system designed for application to the specific boiler and designed to achieve the applicable emission limitation in §76.5, §76.6, or §76.7 on an annual average basis. This documentation must include a copy of all bid specifications.

(ii) A copy of the performance guarantee submitted by the vendor of the installed NO_X emission control system to the owner or operator showing that such system was designed to meet the